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Form PTO 1449		
ATTY DOCKET NO. 33-00	SERIAL NO. 09/508,979	FILING DATE March 17, 2000
APPLICANT Higgins et al.		GROUP 1643 1638

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
cc	5,850,024	12/15/98	Beach et al.	800	250	
cc	5,936,140	8/10/99	Beach et al.	800	312	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
cc	95/27068	12.10.95	WO	C12N	15/82	No
cc	0 255 378 B1	13.04.94	EP	C12N	15/82	No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	<i>Cynthia Collins</i>	DATE CONSIDERED	6/6/01
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ATTY DOCKET NO. 33-00	SERIAL NO. 09/508,979	FILING DATE March 17, 2000
APPLICANT Higgins et al.		GROUP 4643 1638

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

CC	1	✓	Altenbach et al. (1992) "Accumulation of a Brazil nut albumin in seeds of transgenic canola results in enhanced levels of seed protein methionine" <i>Plant Molecular Biology</i> 18:235-245.
	2	✓	Blagrove et al. (1976) "Effect of Sulphur Supply on the Seed Globulin Composition of <i>Lupinus angustifolius</i> " <i>Aust. J. Plant Physiol</i> 3:176-184.
	3	✓	Chandler et al. (1984) "Influence of Sulfur Nutrition on Developmental Patters of Some Major Pea Seed Proteins and Their mRNAs" <i>Plant Physiol.</i> 75:651-657.
	4	✓	Kortt et al. (1991) "Amino acid and cDNA sequences of a methionine-rich 2S protein from sunflower seed (<i>Helianthus annuus</i> L.)" <i>Eur. J. Biochem.</i> 195:329-324
	5	✓	Molvig et al. (1997) "Enhanced methionine levels and increased nutritive value of seeds of transgenic lupins (<i>Lupinus angustifolius</i> L.) expressing a sunflower seed albumin gene" <i>Proc. Natl. Acad. Sci.</i> 94:8393-8398.
	6	✓	Müntz et al. (1997) "Genetic Engineering of High Methionine Proteins in Grain Legumes" <i>Sulphur Metabolism in Higher Plants</i> (ed. W.J. Cram) pp. 71-86.
	7	✓	Saalbach et al. (1995) "The sulphur-rich Brazil nut 2S albumin is specifically formed in transgenic seeds of the grain legume <i>Vicia narbonensis</i> " <i>Euphytica</i> 85:181-192.
	8	✓	Townsend and Thomas (1994) "Factors Which Influence the <i>Agrobacterium</i> -mediated Transformation of Soybean" (Abstract only).

EXAMINER

Cynthia Collins

DATE CONSIDERED

6/6/01

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Form PTO 1449			
ATTY DOCKET NO. 33-00		SERIAL NO. 09/508,979	FILING DATE May 10, 2000
APPLICANT Higgins, et al.			GROUP 4642 1638

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
cc	WO 98/13506	2 April 1998	PCT			
↓	WO 97/41239	6 Nov. 1997	PCT			
↓	WO 97/35023	25 September 1997	PCT			

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

cc		Tu, Helen M. et al. (1998) "Expression of the Brazil nut methionine-rich protein and mutants with increased methionine in transgenic potato" <i>Plant Molecular Biology</i> 37: 829-838
↓		Keeler, Sharon J. et al (1997) "Expression of <i>de novo</i> high-lysine α -helical coiled-coil proteins may significantly increase the accumulated levels of lysine in mature seeds of transgenic tobacco plants" <i>Plant Molecular Biology</i> 34: 15-29
↓		Marcellino, Lucilia H. et at. (1996) "Modified 2S albumins with improved tryptophan content are correctly expressed in transgenic tobacco plants" <i>FEBS Letters</i> 385: 154-158
↓		Tabe, L. M. et al. (1993) "Genetic engineering of grain and pasture legumes for improved nutritive value" <i>Genetica</i> 90: 181-200

EXAMINER *Christopher Collins* DATE CONSIDERED *6/6/01*

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